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Fax Transmission | April 18, 2005TO: Commissioner for Patents
Attn: Examiner Phuong M. Phu
P.O. Box 1450
Alexandria, VA 22313-1450FROM: Timothy P. Sullivan
OUR REF: 50037.55US01Total pages, including cover letter: 5**PTO FAX NUMBER 1-703-872-9306**

If you do NOT receive all of the pages, please telephone us at 206.342.6200, or fax us at 206.342.6201.

Title of Document Transmitted:

Transmittal (+copy); Response to Restriction
RequirementApplicant: Lawrence J. Karr
Serial No.: 10/044.306
Filed: October 26, 2001
Group Art Unit: 2631
Our Ref. No.: 50037.55US01
Confirmation No. 6816

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: T. S.
Name: Timothy P. Sullivan
Reg. No.: 47,981

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Tracy Gutscher

Signature

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04-18-05

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

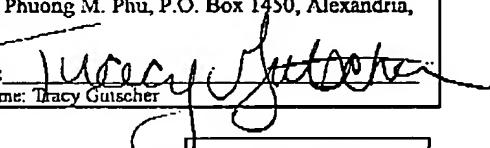
Applicant: Lawrence J. Karr
 Serial No.: 10/044,306
 Filed: October 26, 2001
 Confirmation No.: 6816
 Title: METHOD AND SYSTEM FOR UNDERSAMPLED SYMBOL SYNCHRONIZATION

Examiner: Phuong M. Phu
 Group Art Unit: 2631
 Docket: 50037.55US01
 Due Date: April 18, 2005

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By: 
 Name: Tracy Guttscher

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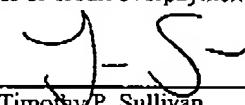
Sir:

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Transmittal Sheet in duplicate containing Certificate Under 37 CFR 1.6(d)
 Response to Restriction Requirement

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 P.O. Box 2903
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 206.342.6200

By: 
 Name: Timothy P. Sullivan
 Reg. No.: 47,981
 TPS:tg

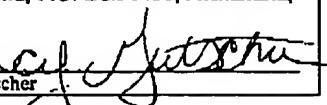
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Applicant: Lawrence J. Karr Examiner: Phuong M. Phu
 Serial No.: 10/044,306 Group Art Unit: 2631
 Filed: October 26, 2001 Docket: 50037.55US01
 Confirmation No.: 6816 Due Date: April 18, 2005
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By: 
 Name: Tracy Gutscher

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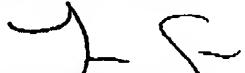
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 Reg. No.: 47,981
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A/N 10/044,306

PATENT

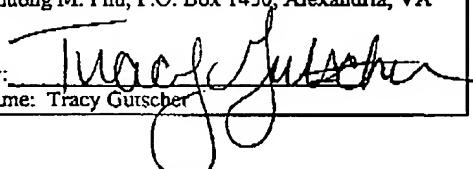
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lawrence J. Karr Examiner: Phuong M. Phu **APR 18 2005**
Application No.: 10/044,306 Group Art Unit: 2631
Filed: October 26, 2001 Docket No.: 50037.55US01
Title: METHOD AND SYSTEM FOR UNDERSAMPLED SYMBOL
SYNCHRONIZATION

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this correspondence is being sent via facsimile to (703) 872-9306, Commissioner for Patents, Attn: Examiner Phuong M. Phu, P.O. Box 1450, Alexandria, VA 22313-1450 on April 18, 2005.

By: 
Name: Tracy Ourscher

RESPONSE AND ELECTION

Commissioner for Patents
Attn: Examiner Phuong M. Phu
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Restriction Requirement mailed March 18, 2005, Applicant respectfully submits this following Response and Election to the Restriction Requirement made by the Examiner under 35 U.S.C. 121. The restriction requirement was made for the following inventions:

- I. Claims 28-30, drawn to a communication system in which a receiving system provides a symbol synchronization-offset signal wherein the symbol synchronization offset is produced from a plurality of transmitted synchronization patterns, classified in class 374, subclass 357.

II. Claims 1-5, 11-15, 20-23, and 31, drawn to a transmitting system for generating and transmitting a signal comprising a plurality of synchronization patterns, classified in class 375, subclass 295.

III. Claims 6-10, 16-19, and 24-27, drawn to a receiving system for capturing and processing a plurality of transmitted synchronization patterns, classified in class 375, subclass 316.

Applicant elects to prosecute the invention taught by Group 2, which corresponds to claims 1-5, 11-15, 20-23, and 31.

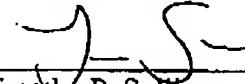
It is believed that all pending claims are in condition for allowance. Should the Examiner have any further issues regarding this application, the Examiner is requested to contact the undersigned attorney for the Applicant at the telephone number provided below.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903



Respectfully Submitted,

MERCHANT & GOULD P.C.



Timothy P. Sullivan
Registration No. 47,981
Direct Line: 206.342.6254